

ABSTRACT OF THE DISCLOSURE

5 A CORBA Gateway between CORBA-based client manager applications and an
enterprise manager may be configurable to manage various networked objects, such as
printers, scanners, copiers, telephone systems, cell phones, cell phone towers, phone
systems, faxes, routers, switches, etc., which may be interconnected via networks.
CORBA-based TMN manager applications may be communicatively coupled to a
CORBA Object Request Broker (ORB). The manager applications may be operable to
send Interface Definition Language (IDL) requests to managed objects and receive IDL
10 responses and CORBA events from managed objects through the CORBA ORB. The
client manager may first be authenticated to the Gateway by username and password, or
other validation information associated with the client manager, which may be
represented in a user profile. Once the initial client authentication is accomplished, the
Gateway may provide object-level access control between manager applications and
15 managed objects, authenticating the client for each event type at the individual object
level. This may be accomplished by including user information with each message sent
to or from a managed object. The Gateway may also provide the client applications
access to the Management Information System service which provides security/audit
trails of TMN management/object transactions via a logging function which may be used
20 to track event or request related traffic and save related information.